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**First Year Mathematics.** By GEORGE W. EVANS and JOHN H. MARSH. New York: Charles E. Merrill Co. Pp. 353. Price 90 cents.

This is one of the most consistent of the books written around the equation as a center and introducing problem material from the other subjects of mathematics. It reduces abstract manipulation to a minimum, and emphasizes the application of algebraic processes to the solution of problems to a very unusual degree.

The chapter on approximate computation is timely and is well written.

The book gives every evidence of careful study and experiment on the part of its authors, and deserves examination by teachers.

**Industrial Arithmetic.** By NELSON L. RORAY. Philadelphia: P. Blakiston's Son and Co. Pp. 154. Price 75 cents.

This book contains a course in arithmetic suited to the first year of industrial high schools. Its problems are such as boys are required to handle in the various kinds of shop work, and they include all of the principal geometric applications to such work.

This book should fill a need in schools of this type.

**Trigonometric and Logarithmic Tables.** By GEORGE WENTWORTH and DAVID EUGENE SMITH. Boston: Ginn and Company. Pp. 104. Price 60 cents.

An excellent set of five-place tables, well arranged to avoid eye strain and in convenient form. The angle tables are given in minutes, but a conversion table for decimal parts of a degree makes it possible to use either method of dividing an angle.

**A Community Arithmetic.** By BRENELLE HUNT. New York: American Book Company. Pp. 277.

This book is intended for use in the upper grades or in the junior high school. It applies the methods of arithmetic to community needs, and covers the common applications of arithmetic quite thoroughly. Typical chapters are "Making Change," "Grocery Problems," "Meat Market Problems," "Industrial Problems," "Railroad Freight Problems," "Carpentry Problems," "The Hardware Business," "A Practical Study of Lumber," "Taxes," "Postal Problems" and "Saving and Investing Money."

**Intermediate Algebra.** By H. E. SLAUGHT and N. J. LENNES. Boston: Allyn and Bacon. Pp. 249.

This is a continuation of the elementary algebra by the same authors, and follows the same general methods as the earlier book. It contains an excellent chapter on the use of determinants in solving equations, and one on the use of logarithms. The book covers the usual requirements in intermediate algebra, and seems to be well written and teachable.